Statement TT1

Tangential tonearm

User Manual

Made in Germany

Statement TT1 – Tonearm

Hi-Fi Components clearaudio electronic GmbH

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Dear audio enthusiast,

Thank you for your decision to purchase the patented Statement TT1 tangential tonearm from Clearaudio.

Please take a moment to read this owner's manual to ensure correct set-up, to avoid any potential damage and to discover how to care for your Statement TT1 so that it gives you many years of musical enjoyment and pleasure.

This section MUST be read before any undertaking connection or set-up, otherwise the warranty may become void.

Warnings

Do not expose the equipment to rain or moisture.
Do not remove the cover from the equipment.
No naked flame sources, such as lighted candles, should be placed on the equipment.
Never insert the oil into the precision bearing as this will result in damage of bearing.
Tonearm only suitable for installation on Clearaudio Statement turntable.

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1. Package contents

The Clearaudio Statement TT1 tangential tonearm is delivered in a specially designed packaging to ensure its safe transport. Please check that the contents are as shown below and listed at the bottom of the page:

1

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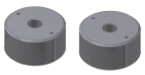
3 

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1	Tonearm chassis	**8**	2x large hex socket headed bolts (to attach tonearm mounting bases)
2	Armwand, including cable	**9**	White gloves
3	Tonearm mounting base (x2)	**10**	Glass tube assembly kit
4	Tonearm mounting base installation gauge	**11**	Cartridge alignment gauge
5	Bag of hex keys (Allen keys)	**12**	Cartridge mounting screws
6	Main counterweights	**13**	User manual (not shown)
7	Hex socket headed bolts (to mount tonearm on mounting bases)		

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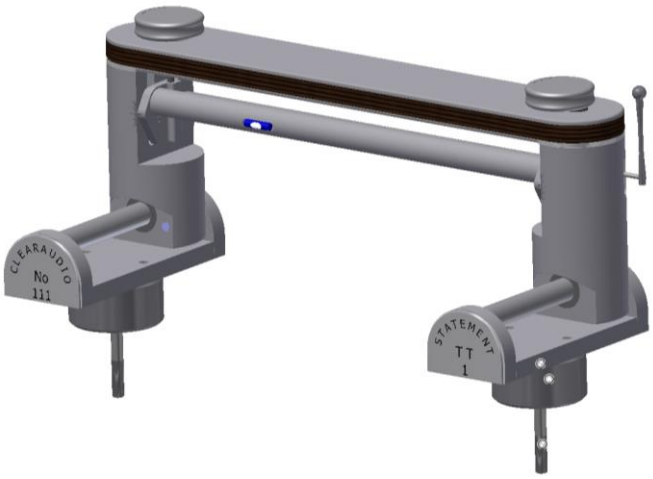
2. Package overview

The Statement TT1 is packed in a special foam packaging and comes almost completely assembled.



Picture 1: Package view

Please note:
The armwand is packed separately and need to be installed.

Picture 2: Armwand (shown with bearing carriage)

Additional parts, accessories and tools are also packed separately.

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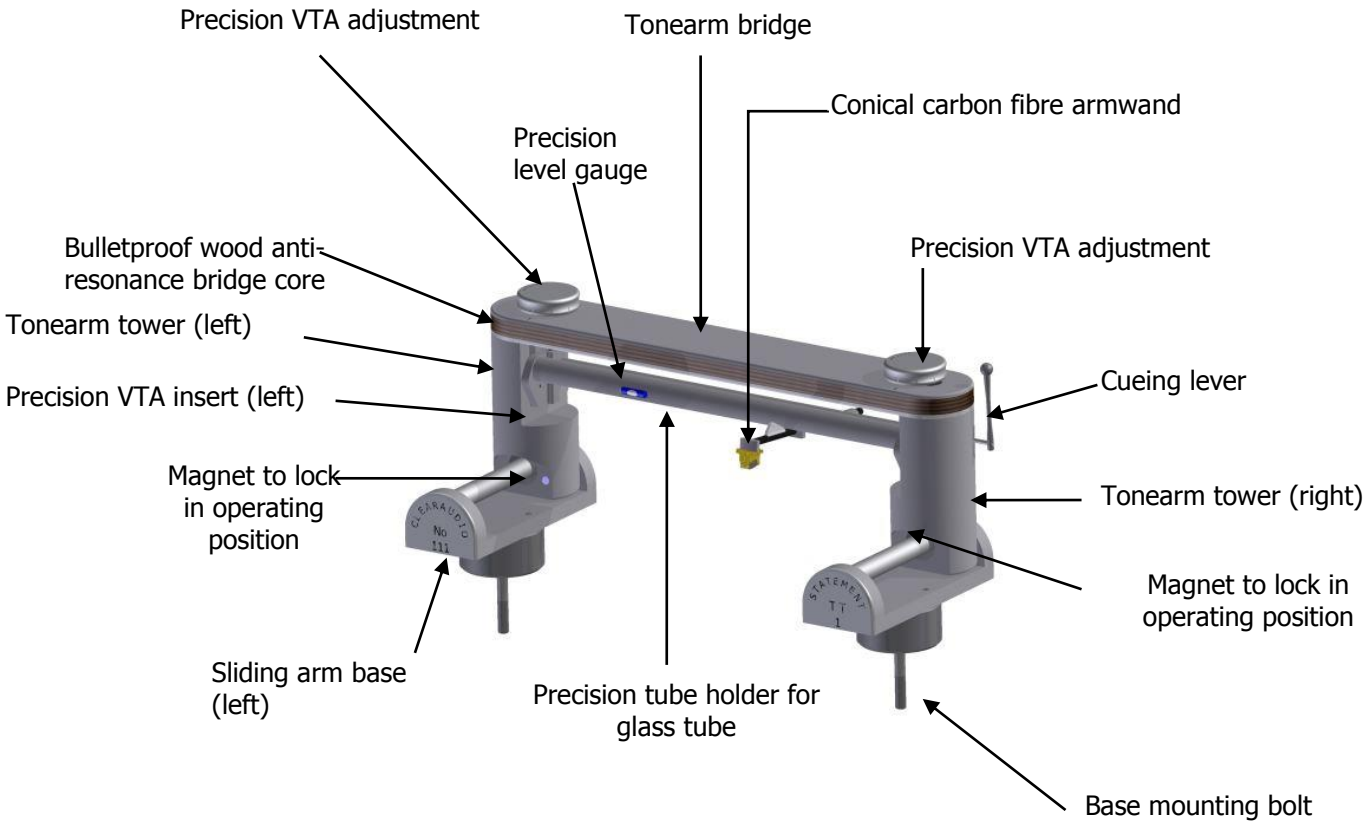
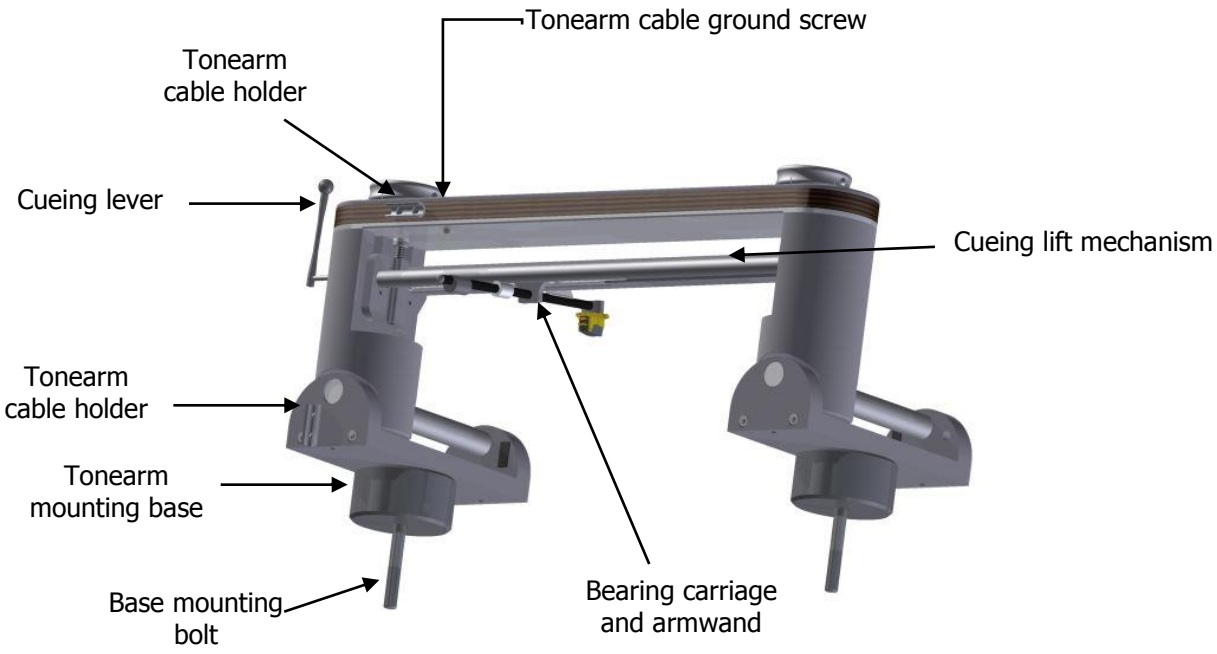
3. Front and rear view of assembled TT1 tonearm

Front view



Rear view



Picture 3: Front and rear view

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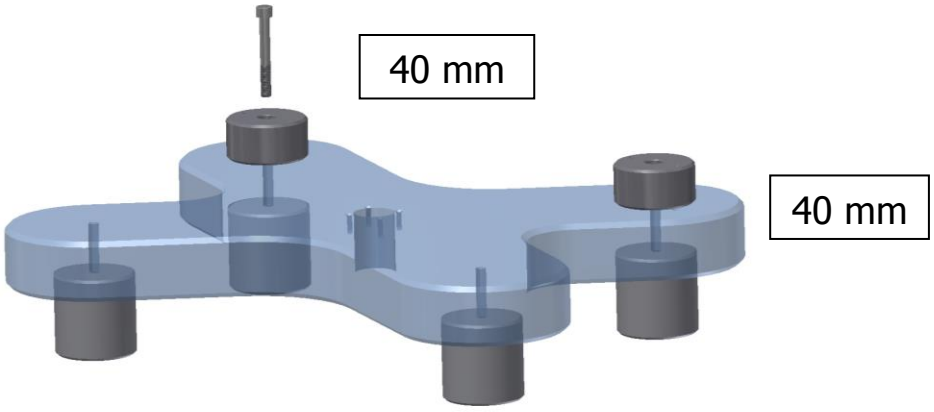
4. Assembly and operation

After checking that the package contents are as described (see page 4), place the parts on a clean and flat surface in preparation for set-up. Assembly and set-up of the TT1 are quite straightforward, as most parts have been factory preassembled.

Please use the white gloves provided to avoid scratches and/or fingerprints during assembly.

First, install the two tonearm mounting bases (see page 4 package content No. 3) onto the Statement turntable. Please note, you may need to remove the existing cylinders first. Please use only the round tonearm mounting bases provided as they are specifically height-matched for the TT1 tonearm.



Picture 4: Installing the stainless steel tonearm mounting bases on the Statement turntable

Do not tighten the base mounting bolts (see page 4 package content No. 8), you should be still able to turn the bases.

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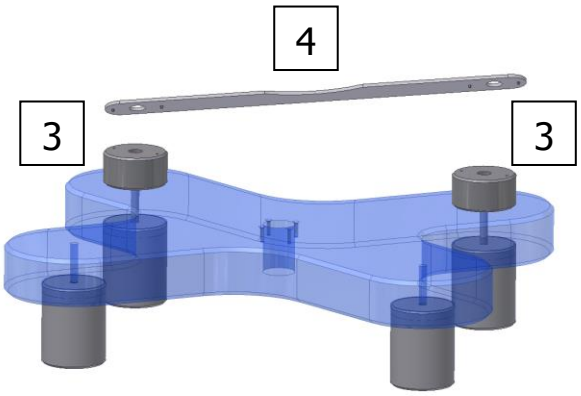
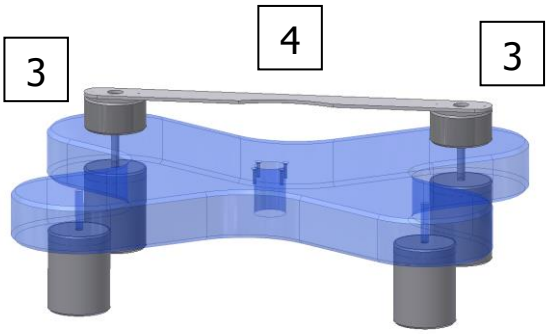
Now place the tonearm mounting base installation gauge (see picture 5 No. 4) on top of the two mounting bases (see picture 5 No. 3). Rotate the mounting bases until all four pins on the bottom of the installation gauge fit into the threads machined into the mounting bases.

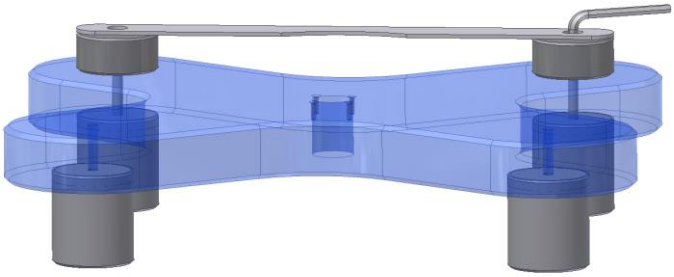


Picture 5: Placing the installation gauge



Picture 6: Placing the installation gauge

While holding the installation gauge in place tighten the two bolts with the hex key (allen key) (page 4, package content 5) provided.
Attention: Any misalignment at this stage will lead to later problems in positioning the TT1 tonearm.



Picture 7: Tightening the mounting bolts

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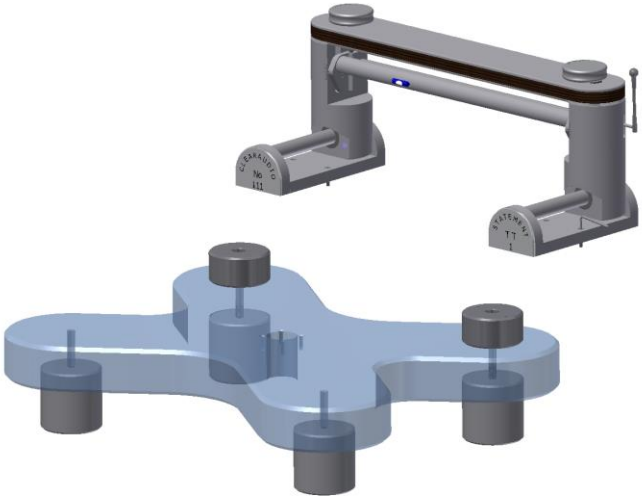
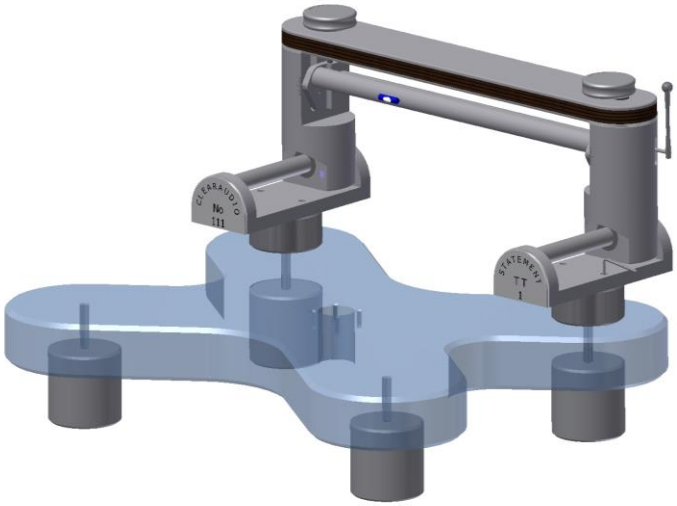
5. Mounting the TT1 tonearm on the Statement turntable

Place the tonearm chassis on top of the two mounting bases. Lift it carefully, making sure that the sliding tonearm bridge is positioned to the rear of both sliding bases as shown in picture 8. While holding it in place, insert the four hex socket headed bolts provided into the threaded holes in the tonearm mounting bases and tighten them.

Please note: Always hold the tonearm in place while fixing the four bolts.



Picture 8: Placing the tonearm assembly in position



Picture 9: Tightening the tonearm mounting bolts

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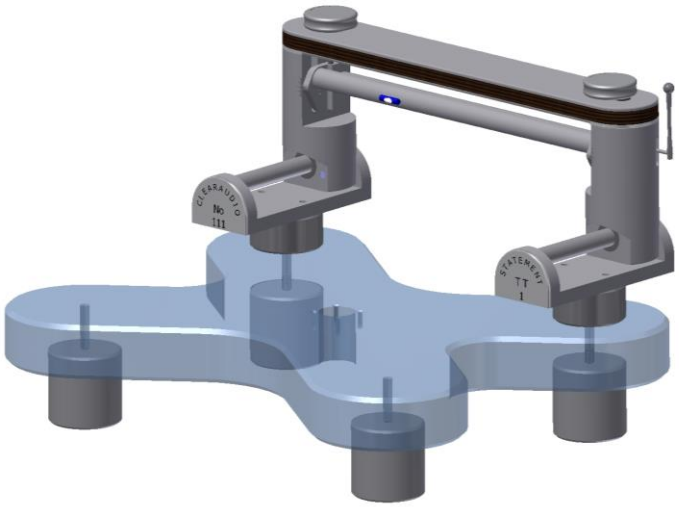
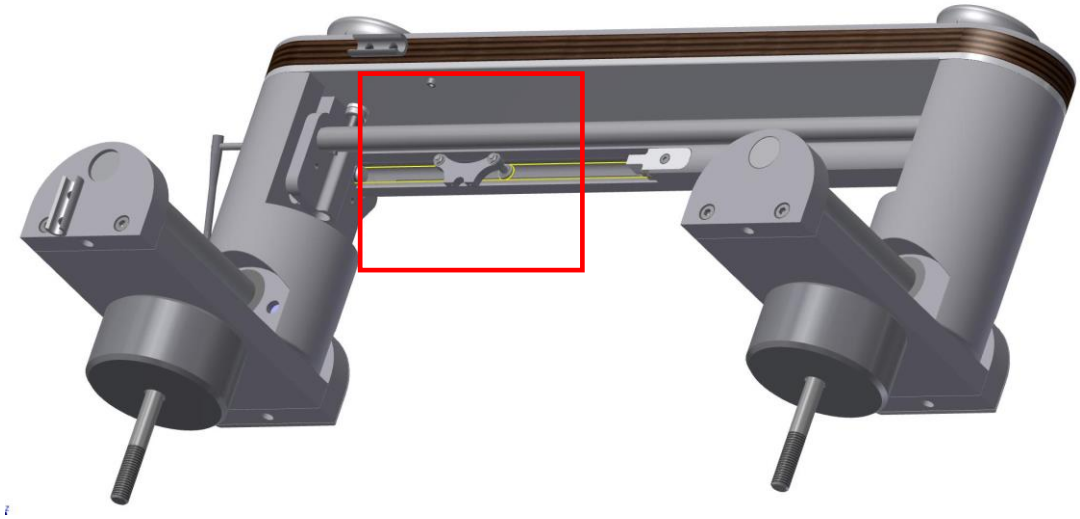


Picture 10: Finished view of the tonearm installation

Please note: You may need to readjust the levelling of the Statement turntable once you have fully completed set-up of the TT1 tonearm.

Please take great care in undertaking the following steps.



Picture 11: Pre-mounted bearing carriage and glass tube

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Picture 12: Mounting of the armwand

Mount the armwand to the bearing carriage with the aluminium block and the two screws.

Picture 13: Mounted armwand

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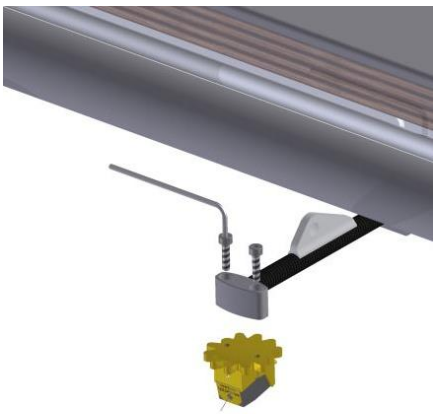
6. Cartridge pre-adjustment / adjustment

First mount the cartridge into the headshell using the two headshell screws provided.

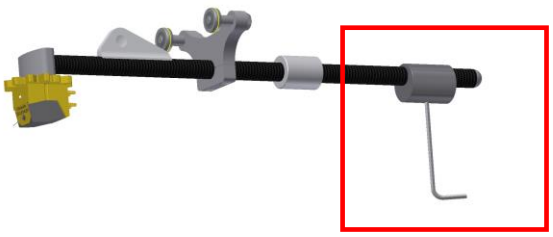


Picture 14: Mounting of the cartridge

Slide the appropriate exchangeable counterweight over the back of the armwand tube and adjust the correct tracking force. Please hold the armwand carefully so you don't apply too much force to the bearings. For the best results we recommend using Clearaudio's Weight Watcher stylus pressure gauge (available in our online shop Art. No. AC094).

Example:

- For the Clearaudio Goldfinger use the 10g counterweight
- For the Clearaudio Titanium use the 5g counterweight



Picture 15: Counterweight adjustment

Turn the two precision VTA adjustment knobs on top of the tonearm until both the glass tube holder and the armwand are parallel to the record surface.

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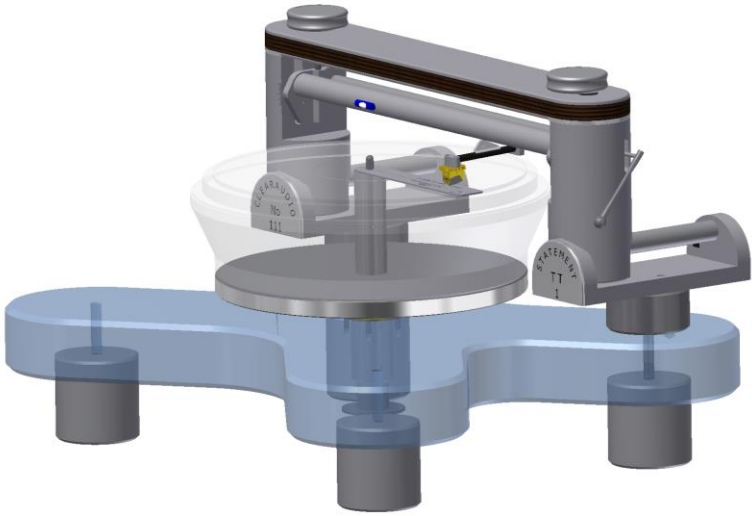
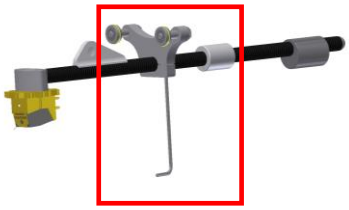


Picture 16: Cartridge pre-adjustments

Cartridge adjustment

The correct tangential adjustment is essential. To ensure the correct adjustment, use the cartridge alignment gauge, which must first be placed on the spindle.

The diamond tip of the cartridge must be always aligned in the black line of the gauge. This fine adjustment can be realised by moving the armwand back or forwards. Simply lock or unlock the screw on the bottom of the carriage.



Picture 17: Cartridge adjustment

Re-adjust the tracking force and set the cartridge Azimuth so that it is in a vertical position when viewed from the front. Make a final check of all the parameters – tonearm level, armwand level, cartridge alignment and tracking force.

Place a record onto the turntable platter and make the final fine adjustments.

Attention: Before first use or after a long period of storage, please move the cueing lift up and down approximately 4-5 times so that the oil inside can flow allowing the cueing lift to operate smoothly.

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7. Technical data

Construction principle:	High-precision mechanical tangential extremely low friction two point linear tracking design (Patent No. PA 1020060529138)
Total weight:	8.6 kg including armwand
Dimensions (mm):	Approx. 521 (w) x 211 (h) x 199 (d)
Dimensions (inches):	Approx. 20.51 (w) x 8.31 (h) x 7.83 (d)
Warranty:	10 years* (see section 10)

8. Transportation advice

Should further transportation of the Statement TT1 tonearm be necessary, please always use the original packing material. Otherwise serious damage could occur.
To avoid possible damage, the armwand should be removed for transportation.

9. Maintenance

If the Statement TT1 tonearm is not in use for a long period, please cover the tonearm to protect it from dust.

The glass tube can be cleaned with pure alcohol.
Please make sure that the precision dry ball bearings are not be touched, cleaned or lubricated in any way. Please only clean the glass tube.

WARNING:
Never insert the oil into the precision bearing as this will result in damage of bearing.

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10. Service information

If any servicing or repair of a Clearaudio product is necessary, please first contact your dealer or distributor. Alternatively contact Clearaudio directly and we will advise you of your nearest service location.
PLEASE RETAIN ALL ORIGINAL PACKAGING. You will need it if this product has to be transported and/or shipped. Any further questions you may have about this product should be directed to your local or dealer, or direct to Clearaudio at:

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info@clearaudio.de

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11. Warranty

To benefit from the full Clearaudio warranty, you must fill out the relevant part of the warranty registration certificate /card and send it back to Clearaudio within two weeks of purchase. A warranty of 10 years will only be provided if the product is returned to us in its original packaging.

ENGLISH

WARRANTY
For warranty information, contact your local Clearaudio distributor.
RETAIN YOUR PURCHASE RECEIPT
Your purchase receipt is your permanent record of a valuable purchase. It should be kept in a safe place to be referred to as necessary for insurance purposes or when corresponding with Clearaudio.
IMPORTANT
When seeking warranty service, it is the responsibility of the consumer to establish proof and date of purchase. Your purchase receipt or invoice is adequate for such proof.
FOR UK ONLY
This undertaking is in addition to a consumer's statutory rights and does not affect those rights in any way.

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Für Serviceleistungen benötigen wir stets die Gerätenummer.
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